

10045587-060502

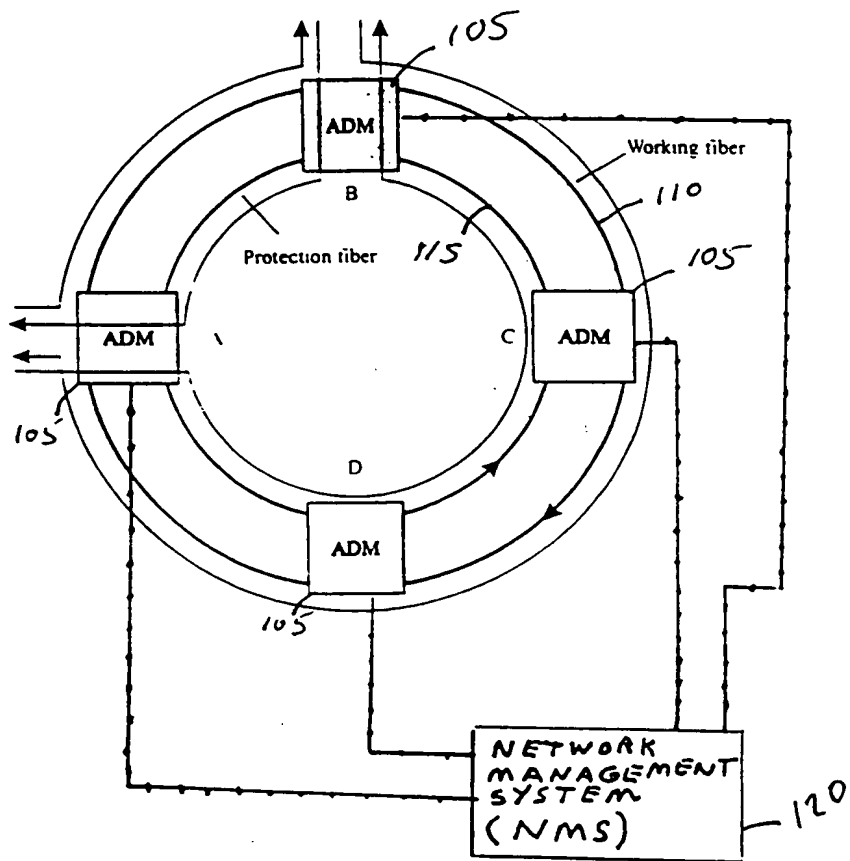


FIG. 1 (prior art)

10045587.060502

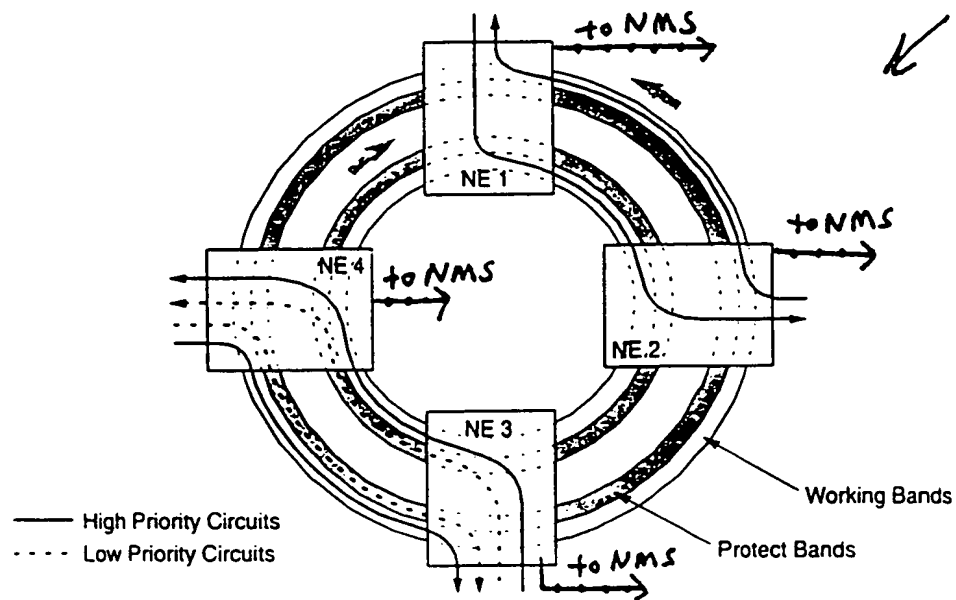


FIG. 2 (prior art)

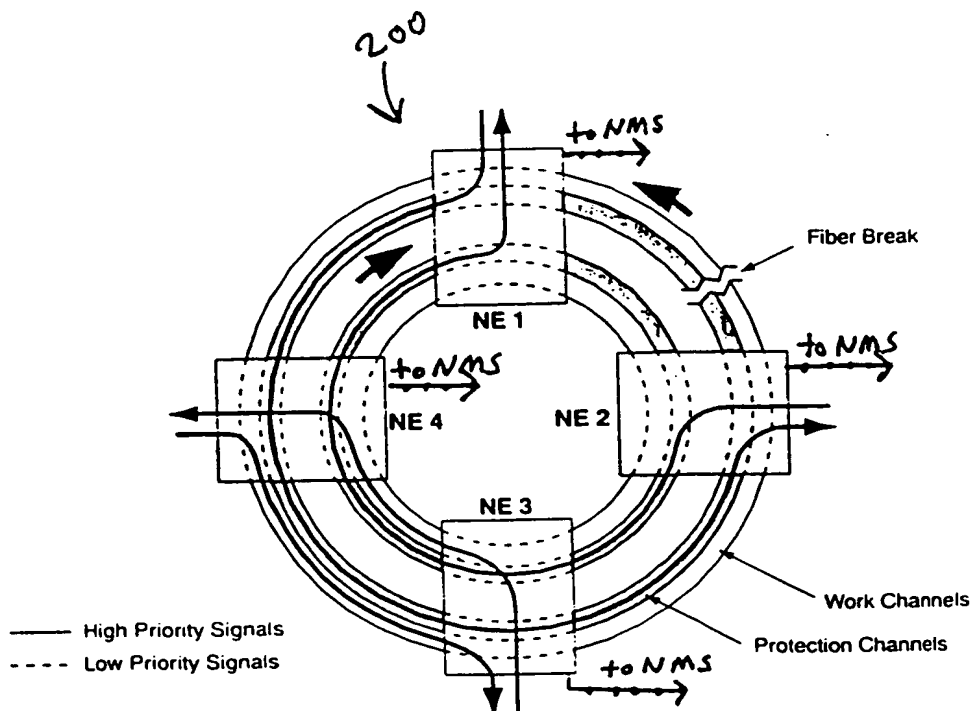


FIG. 3 (prior art)

20050907 060502 10045587

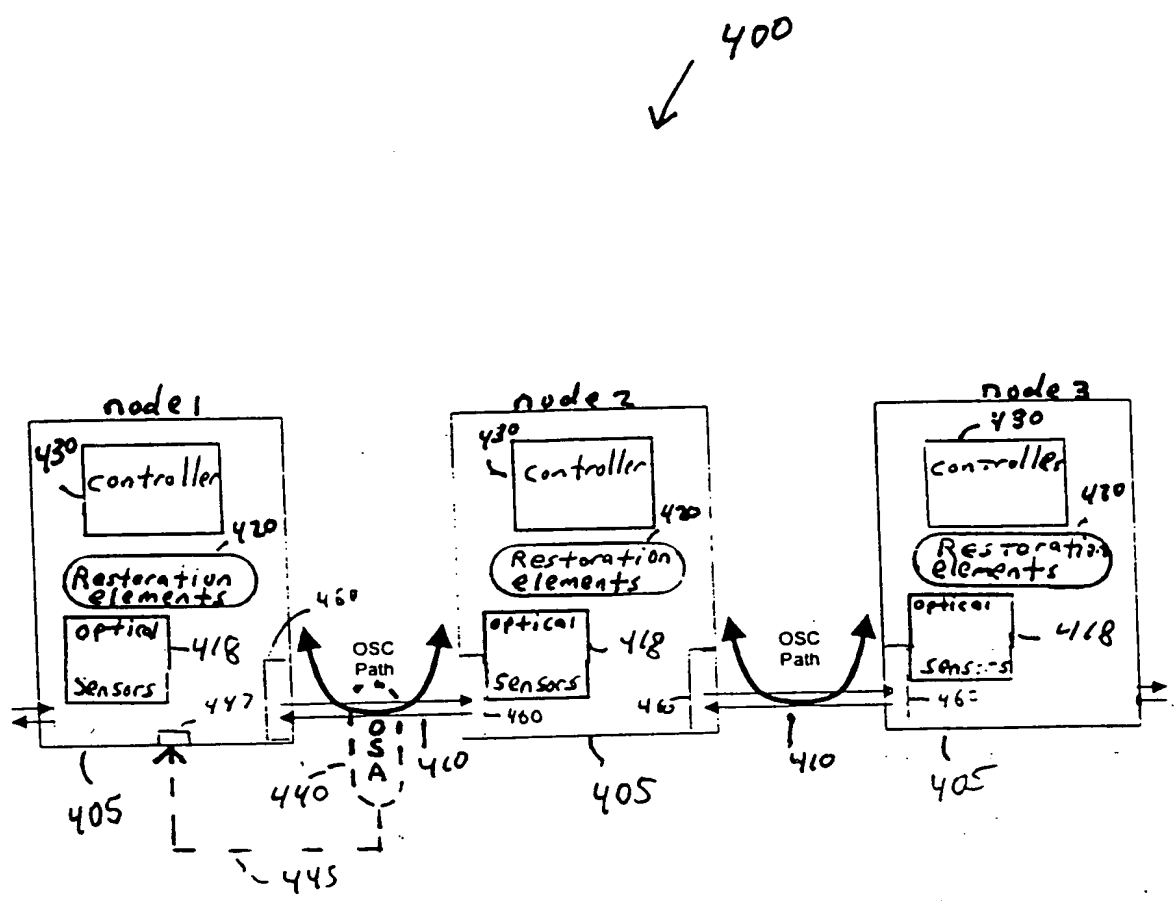


FIG. 4

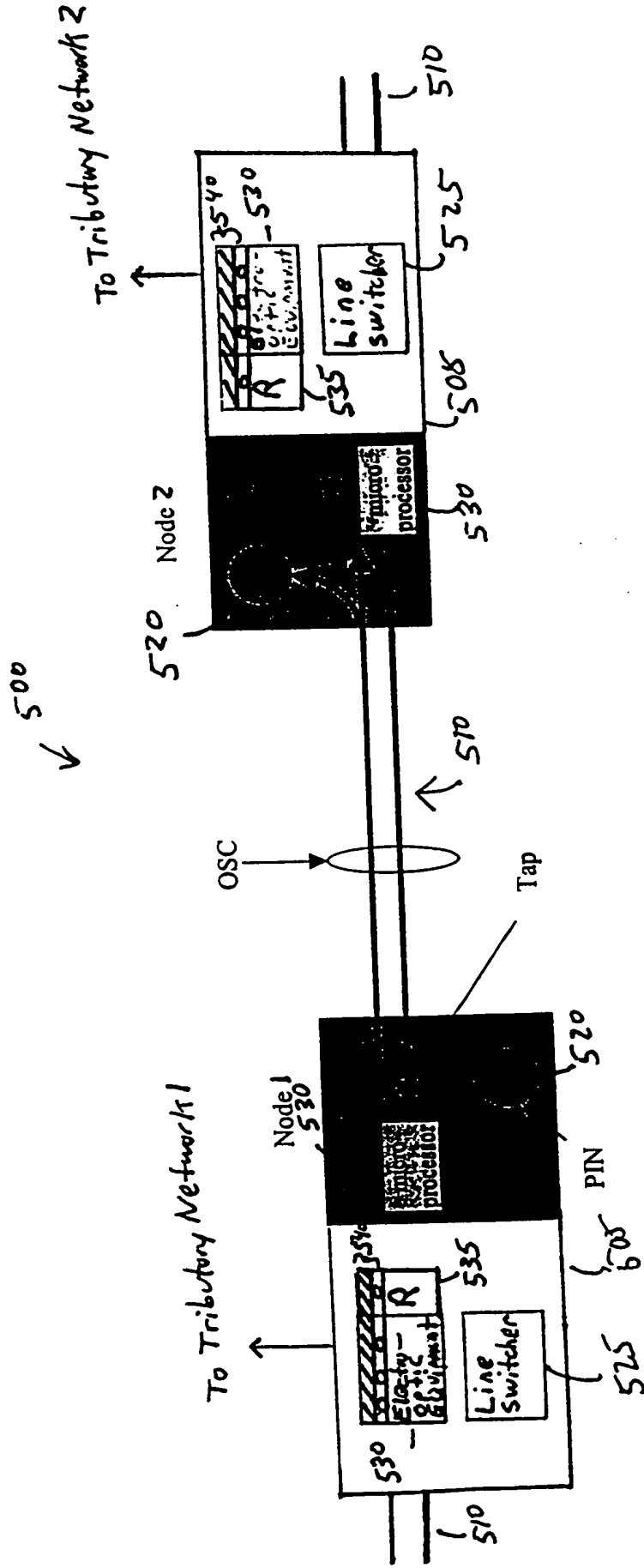


FIG. 5

205090 " 060502 100455B7

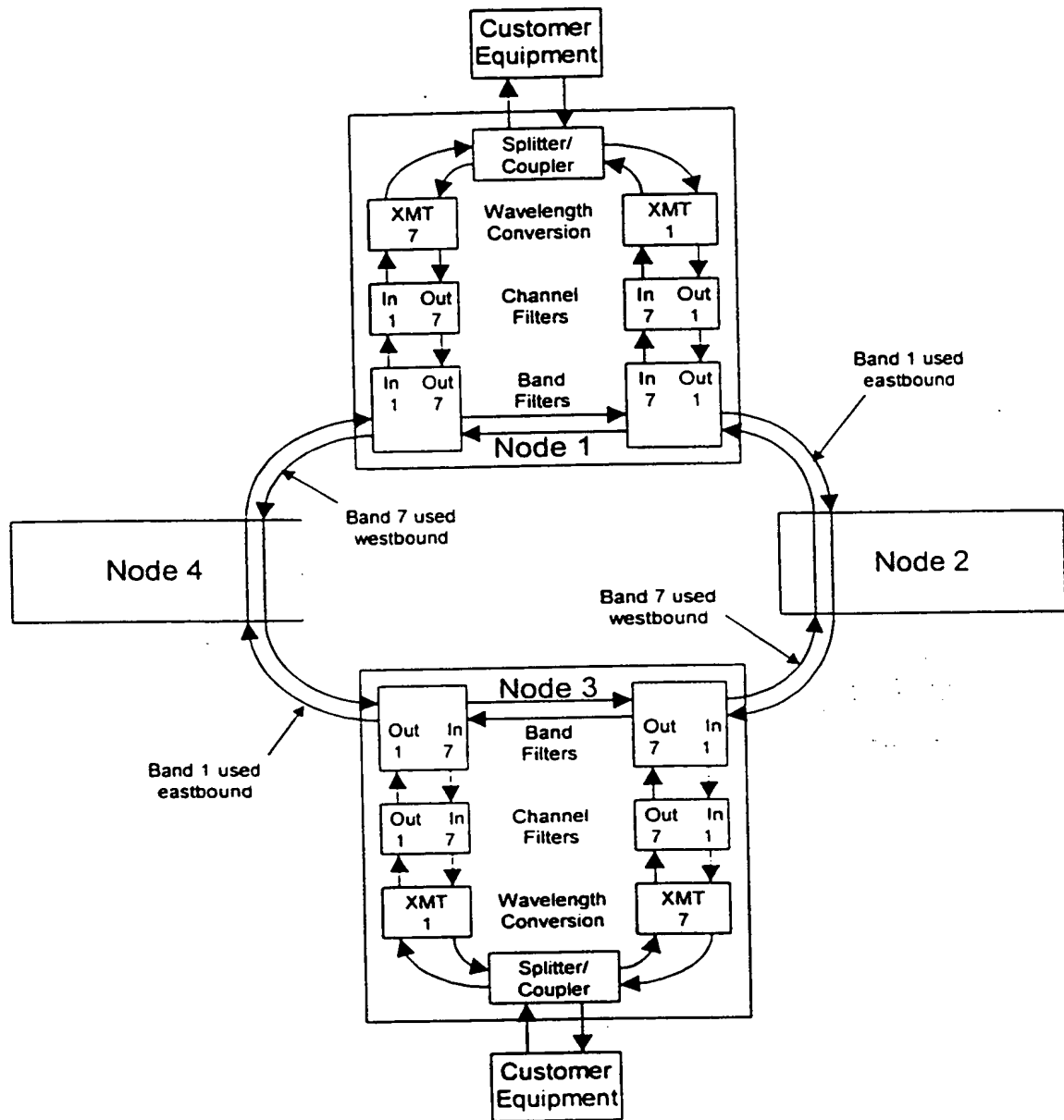


FIG. 6

700

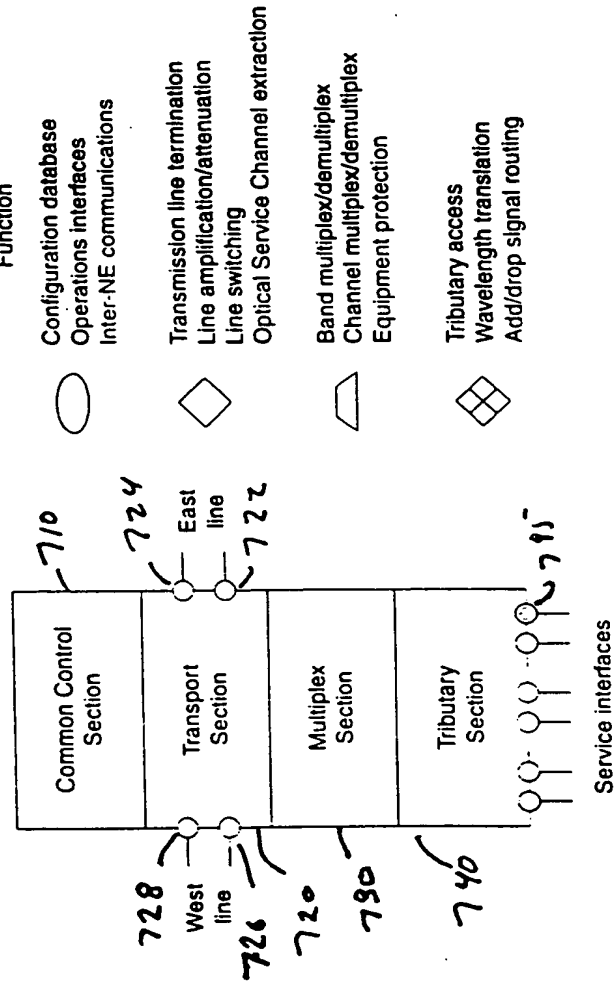
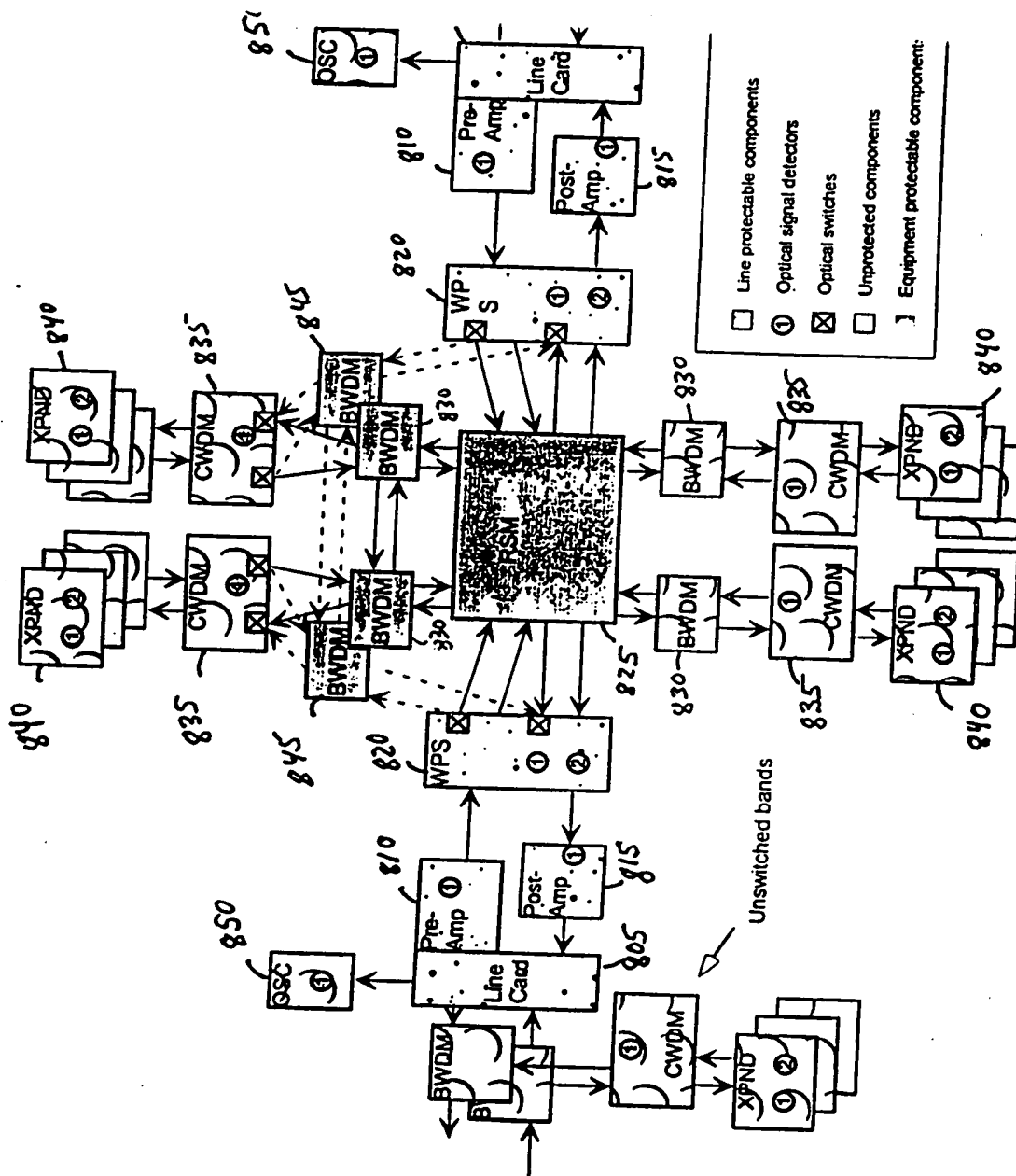


FIG. 7

FIG. 8



205050" 285400F

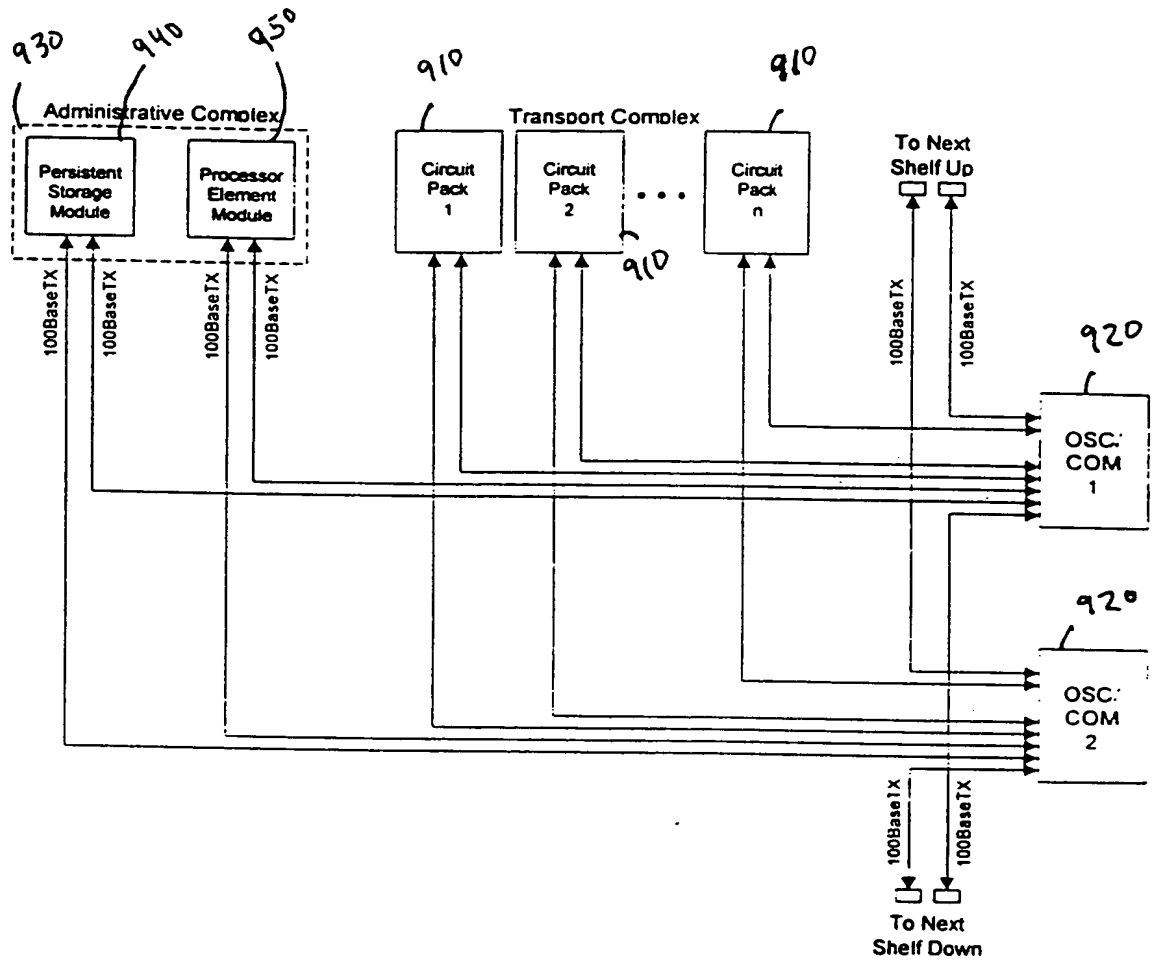


FIG. 9

### Intra-node Fiber Fault Handling

Symbol	AS	Ring Search
DMS	DMS	Ring Search Unlabeled
EO	EO	Equivalent Search
EO	EO	Equivalent Search Delayed
LOS	LOS	Loss of Signal at Receiver

1975-76 2000-01

FIG. 10a

[illegible]



205090785400F

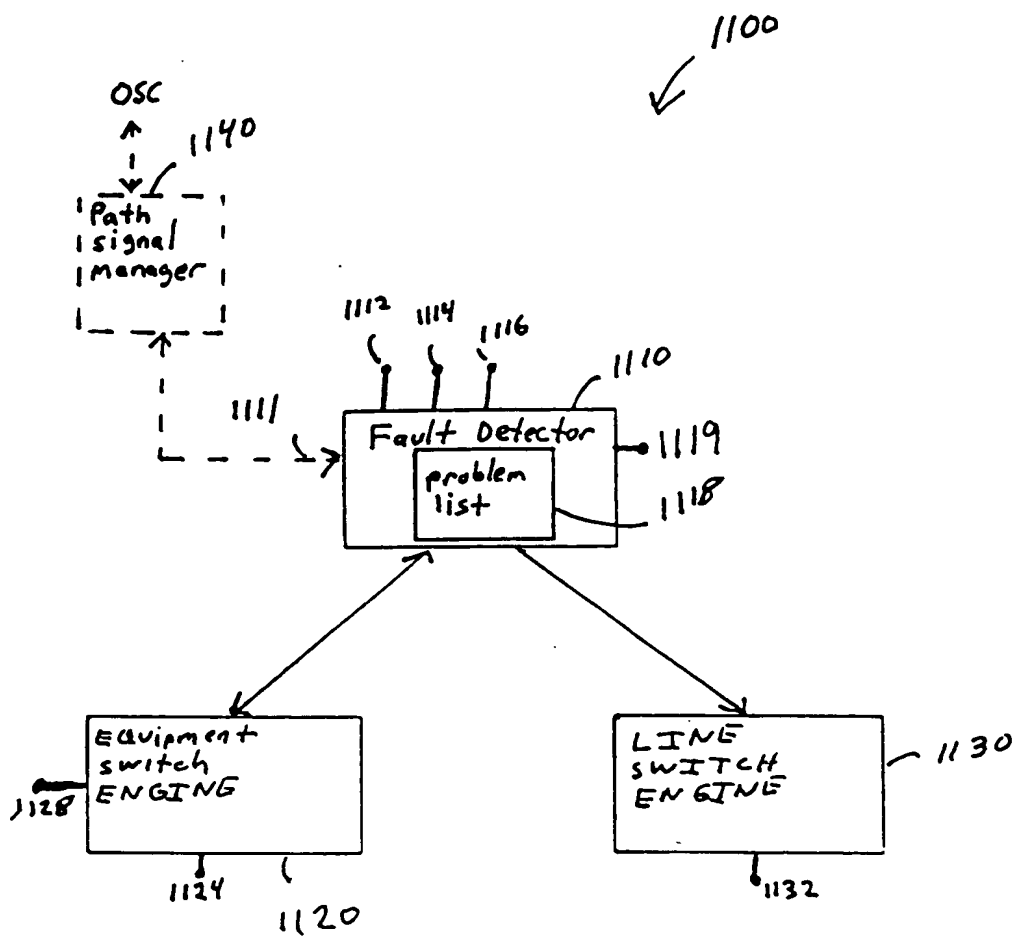
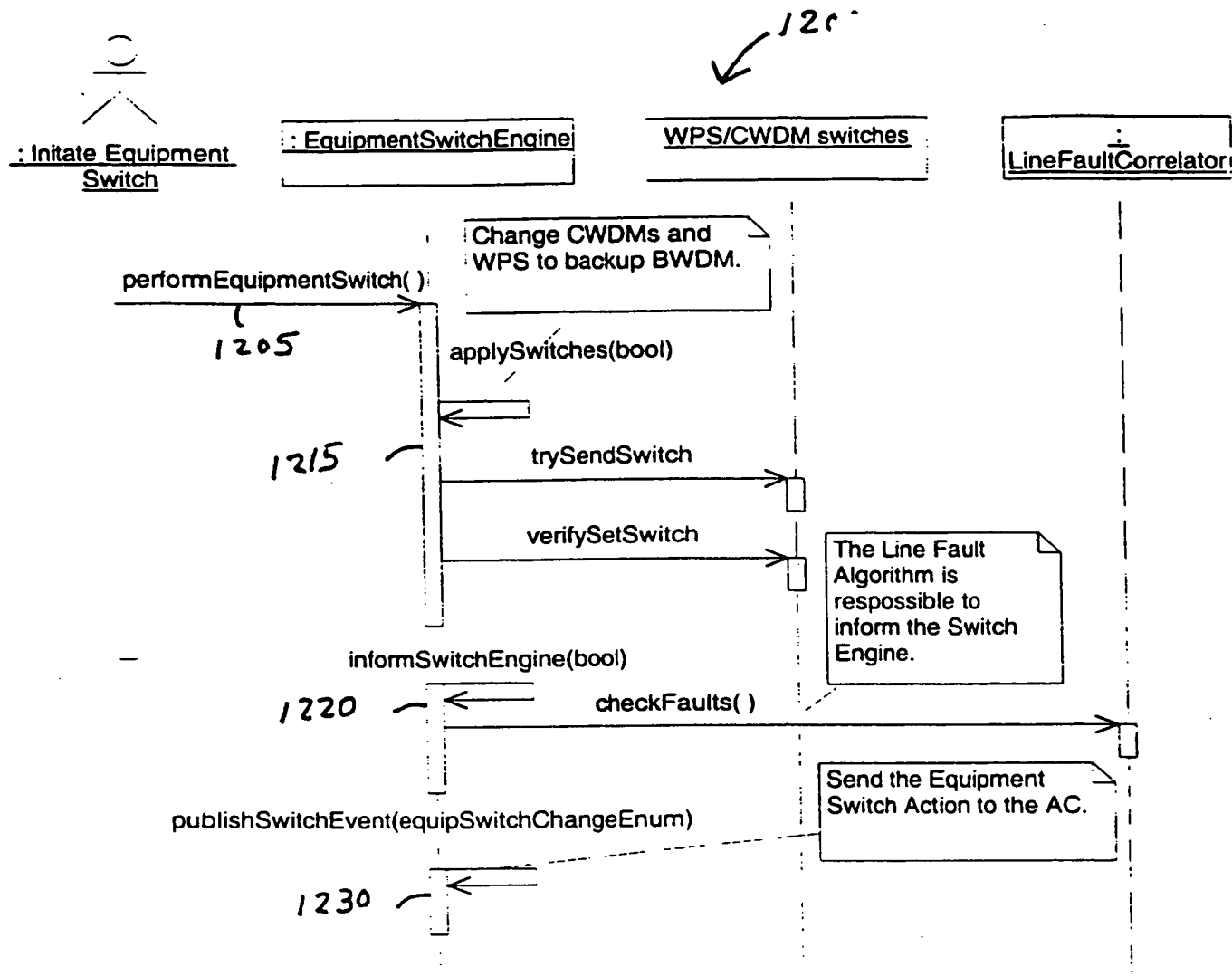


FIG. 11

10045587.060502 205090 28554002



20050907 13055400T

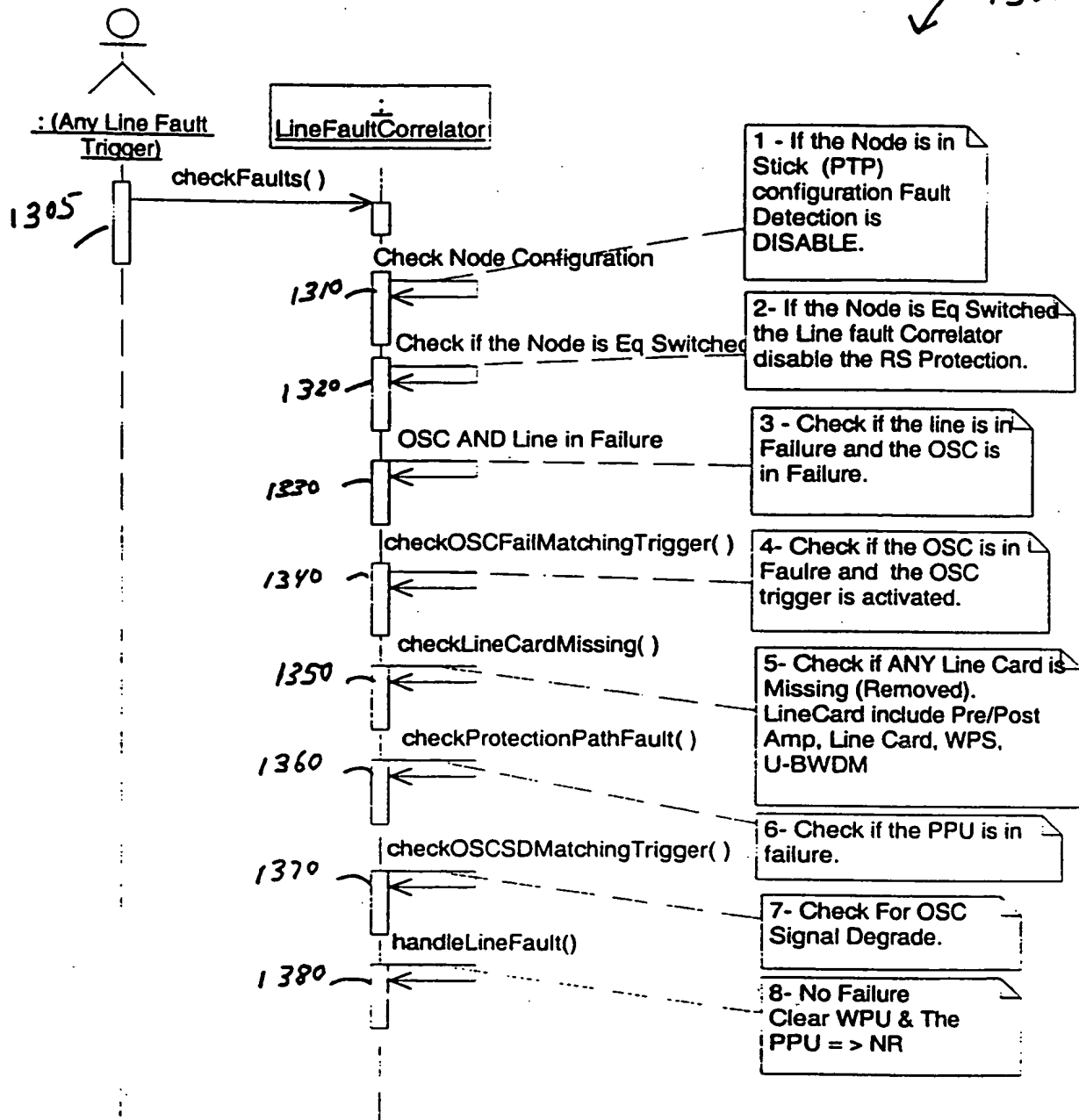


FIG. 13

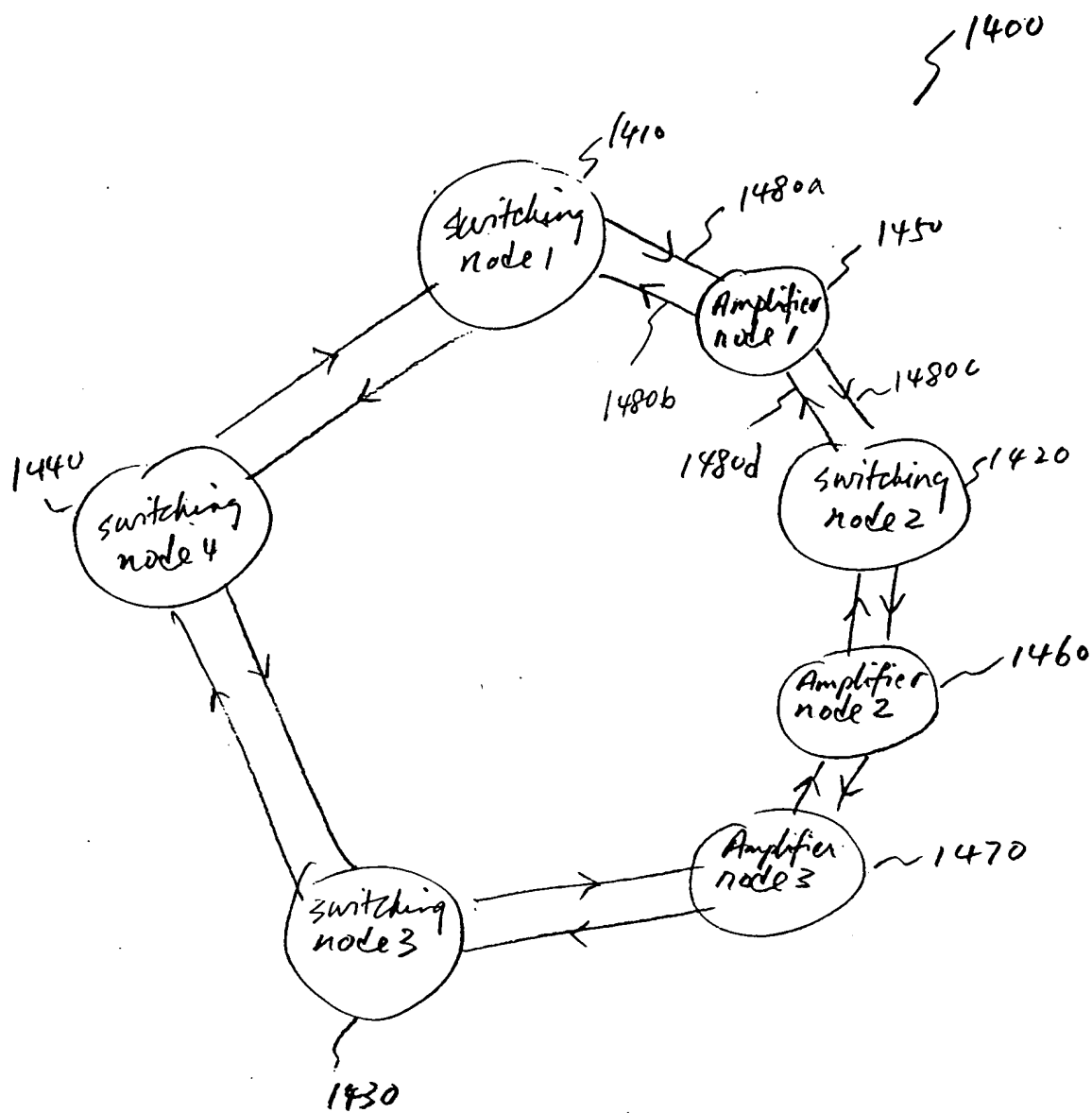


FIG. 14

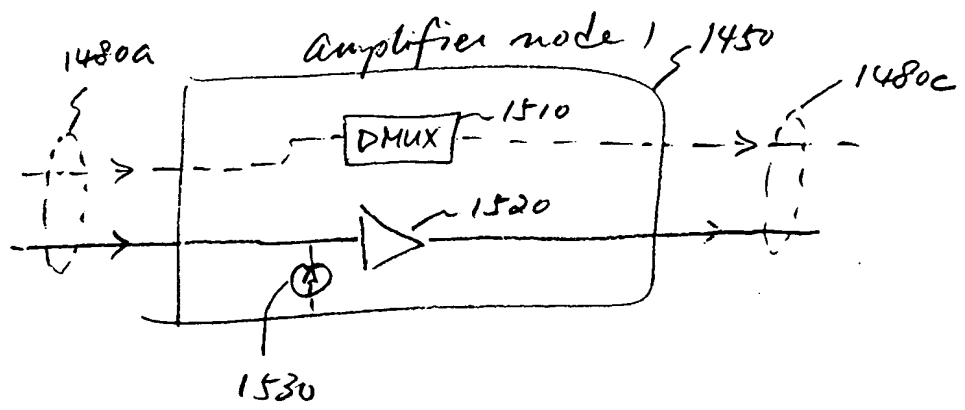


FIG. 15

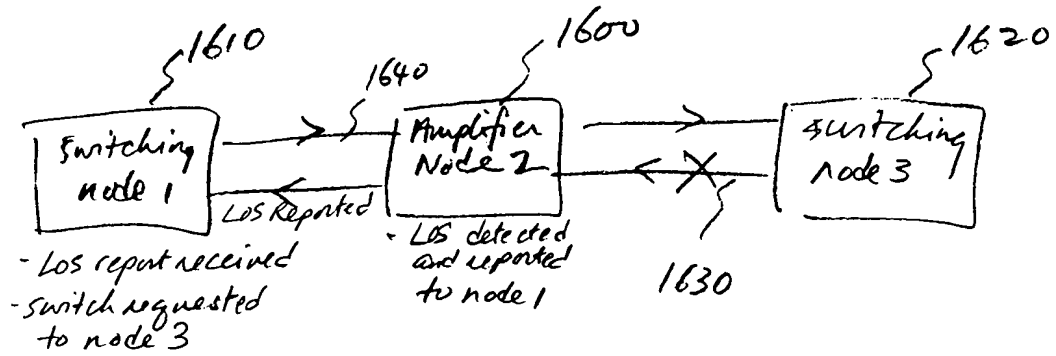


FIG. 16

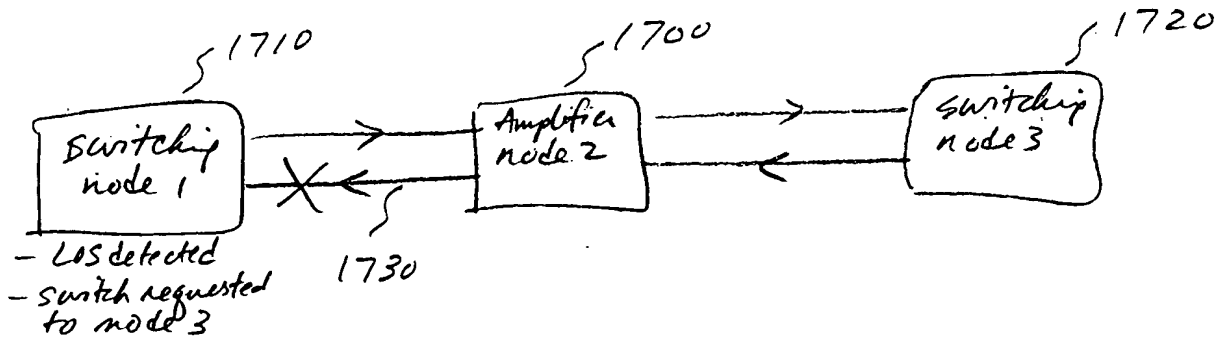


FIG. 17

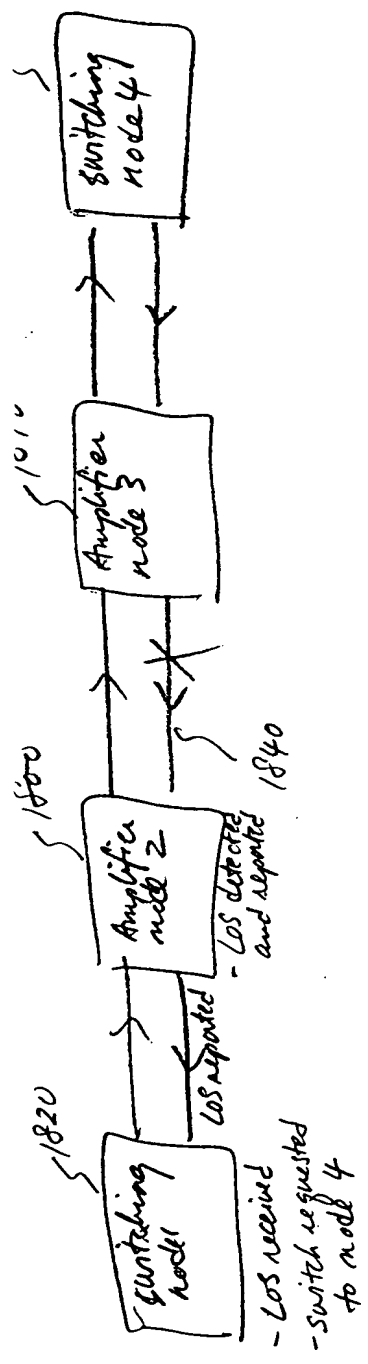
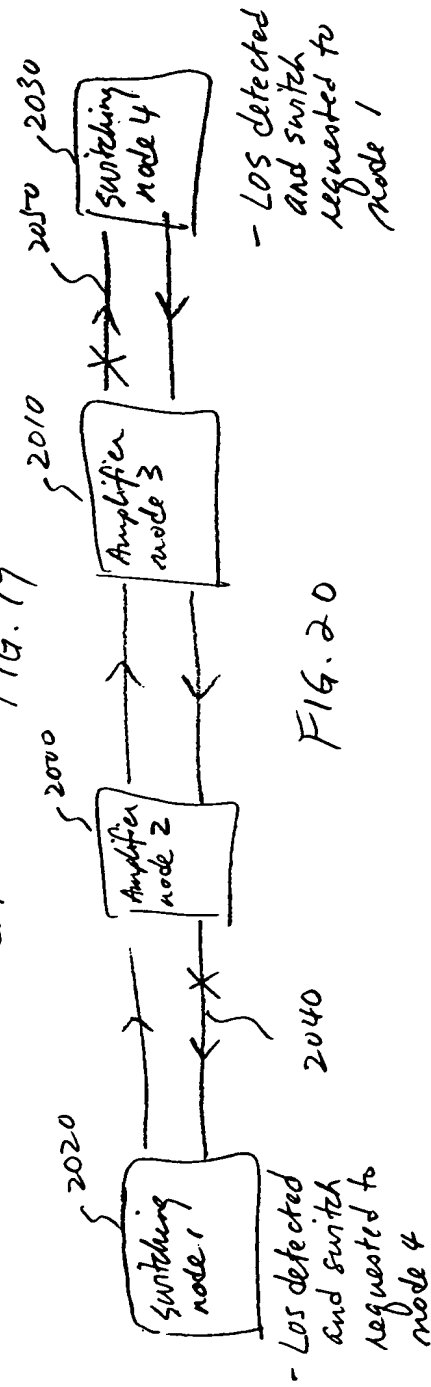
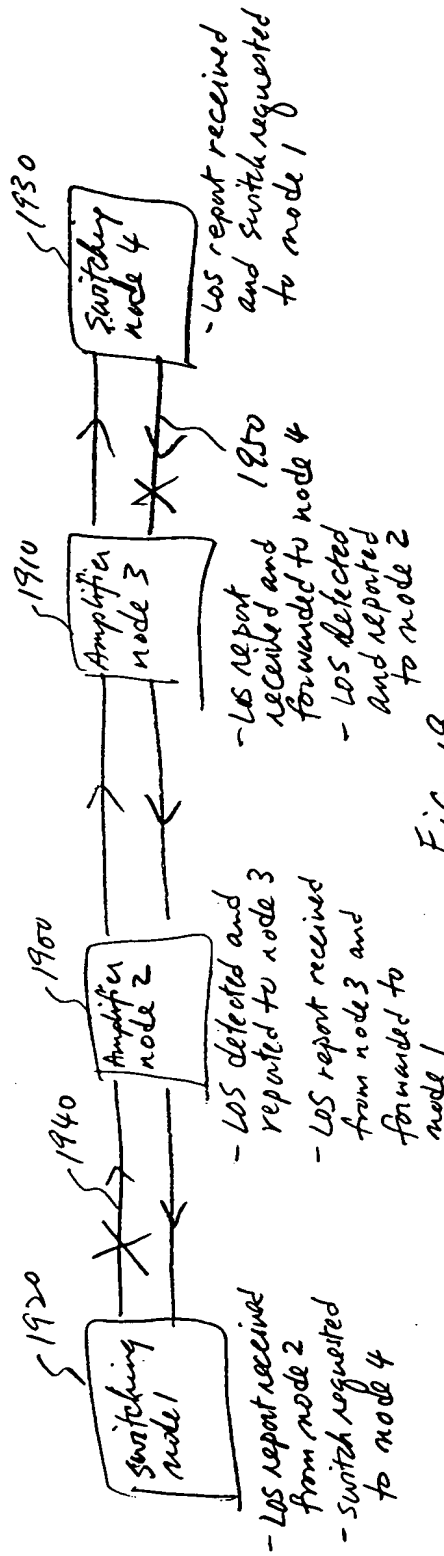
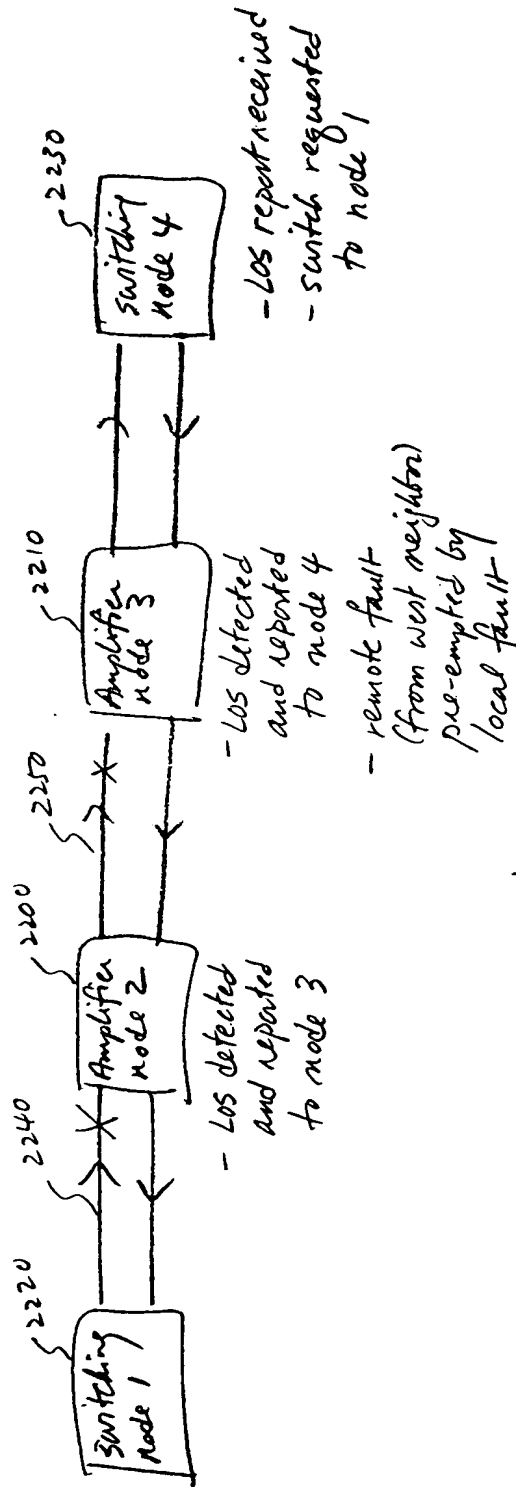
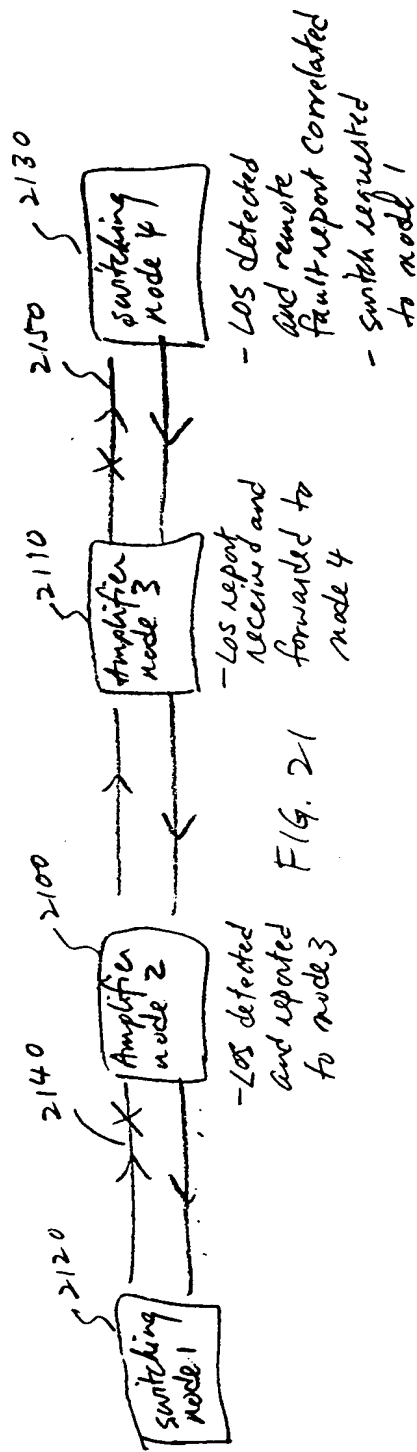


FIG. 18





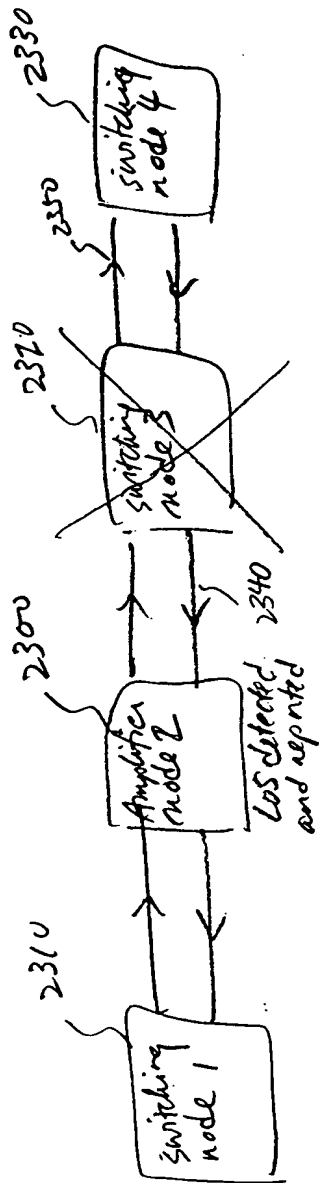


FIG. 23

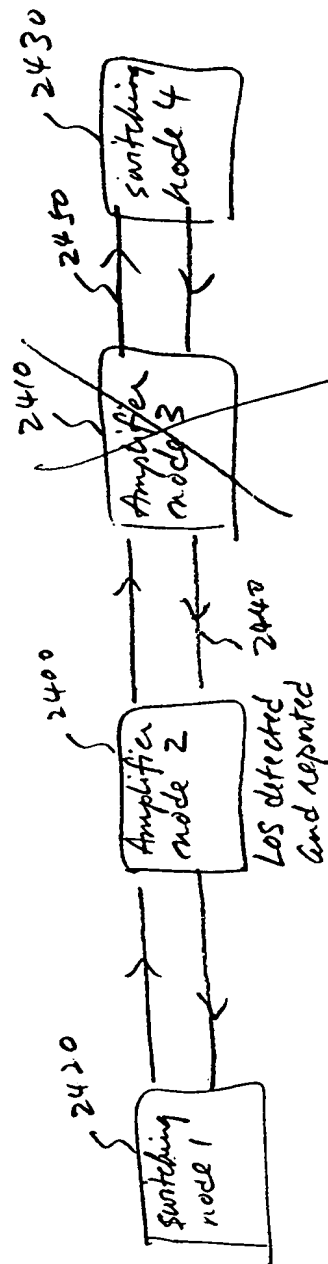


FIG. 24

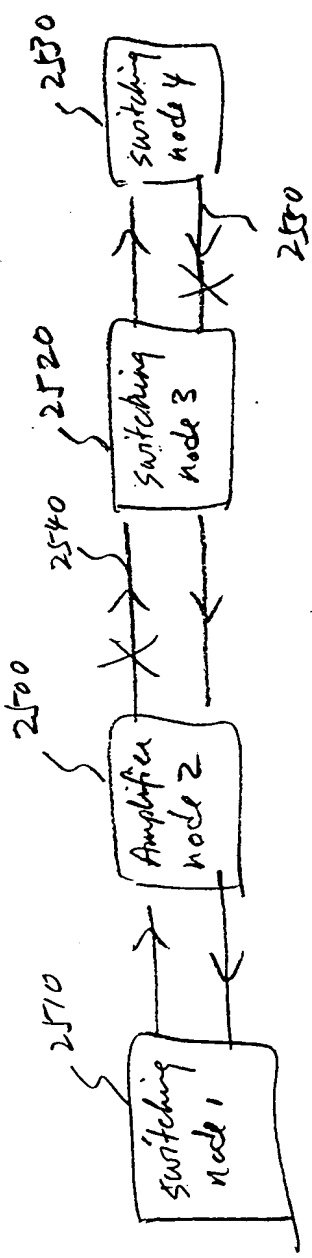


FIG. 25

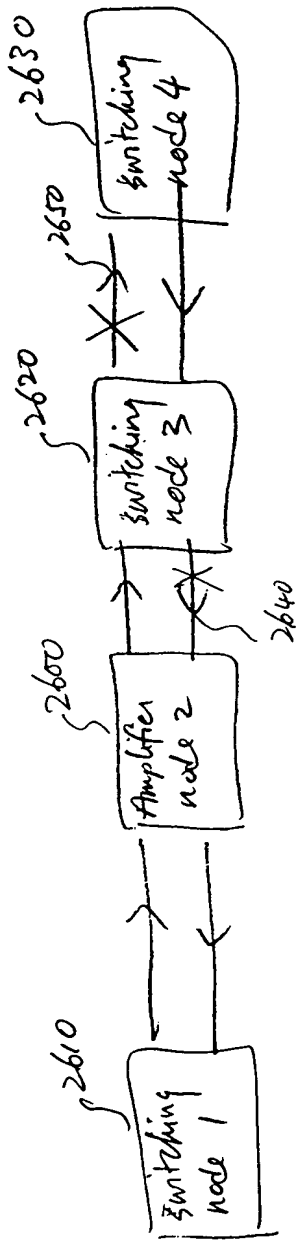


FIG. 26